

Resource Summary Report

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Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core Facility

RRID:SCR_022642

Type: Tool

Proper Citation

Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core Facility
(RRID:SCR_022642)

Resource Information

URL: <https://www.cincinnatichildrens.org/research/divisions/d/dev-biology/core>

Proper Citation: Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core Facility (RRID:SCR_022642)

Description: Offers comprehensive CRISPR services to generate gene edited rodents and cells, and helps generate transgenic and chimeric mice via our microinjection service, cryopreserving unique mouse lines, and recovering them from liquid nitrogen storage via IVF and embryo transfer services.

Abbreviations: TAGE

Synonyms: Transgenic Animal and Genome Editing Core, Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF, CRISPR services, gene edited rodents and cells generation, transgenic and chimeric mice generation

Funding:

Resource Name: Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core Facility

Resource ID: SCR_022642

Alternate IDs: ABRF_1491

Alternate URLs: <https://coremarketplace.org/?FacilityID=1491&citation=1>

Record Creation Time: 20220803T050137+0000

Record Last Update: 20250508T070037+0000

Ratings and Alerts

No rating or validation information has been found for Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core Facility.

No alerts have been found for Cincinnati Children's Hospital Transgenic Animal and Genome Editing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Al Reza H, et al. (2024) Self-Assembled Generation of Multi-zonal Liver Organoids from Human Pluripotent Stem Cells. bioRxiv : the preprint server for biology.

Michaels JR, et al. (2024) Genetic Analysis and Functional Assessment of a TGFB2 Variant in Micrognathia and Cleft Palate. bioRxiv : the preprint server for biology.

Inskeep KA, et al. (2024) SMPD4-mediated sphingolipid metabolism regulates brain and primary cilia development. Development (Cambridge, England), 151(22).

Witcher PC, et al. (2023) Expression of Myomaker and Myomerger in myofibers causes muscle pathology. Skeletal muscle, 13(1), 8.

Reza HA, et al. (2023) Synthetic augmentation of bilirubin metabolism in human pluripotent stem cell-derived liver organoids. Stem cell reports, 18(11), 2071.

Pode-Shakked N, et al. (2023) RAAS-deficient organoids indicate delayed angiogenesis as a possible cause for autosomal recessive renal tubular dysgenesis. Nature communications, 14(1), 8159.

Múnera JO, et al. (2023) Development of functional resident macrophages in human

pluripotent stem cell-derived colonic organoids and human fetal colon. *Cell stem cell*, 30(11), 1434.

Liegel RP, et al. (2023) Successful therapeutic intervention in new mouse models of frizzled 2-associated congenital malformations. *Development (Cambridge, England)*, 150(3).

Inskeep KA, et al. (2023) SMPD4 mediated sphingolipid metabolism regulates brain and primary cilia development. *bioRxiv : the preprint server for biology*.